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- **international:** *G07B17/00; G07C9/00; G07B17/00; G07C9/00; (IPC1-7): G07B17/02*
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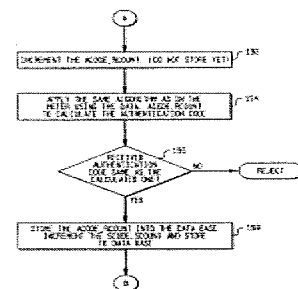


- US5590198 (A1)
- EP0780805 (A3)
- EP0780805 (B1)
- DE69631816T (T2)
- CA2193283 (C)

EP0550226
EP0574219
EP0388840
DE4321849
US4447890

```

graph TD
    Start([START]) --> Receive[RECEIVE THE AUTHENTICATION CODE 113]
    Receive --> Pull[114  
PULL OUT THE METER RECORDS CORRESPONDING TO THE METER DATA NUMBER OF THE DATA CARD RECEIVED FROM THE USER AND ACCESS RECORD AND ACCESS RECORD]
    Pull --> Add[115  
ADD THE SAME ACCESS RECORD AS IN THE METER RECORD TO THE DATA ACCESS RECORD IN THE AUTHENTICATION CODE]
    Add --> ReceiveAuth[116  
RECEIVE AUTHENTICATION CODE]
    ReceiveAuth --> IsSame{117  
IS THE SAME AS THE AUTHENTICATION CODE?}
    IsSame -- NO --> A((A))
    IsSame -- YES --> B((B))
    B --> Create[118  
GENERATE THE ACCESS RECORD, CREATE THE CERTIFICATE CODE AS A SINGLE PASSWORD, AND THE DATA ACCESS RECORD STORED IN THE]
    Create --> Send[119  
SEND TO THE METER]
    Send --> End([END])
  
```



8/21/2006